

**SITTECH®**

TECHNICAL DATA SHEETS

CORRUGATED METAL GASKET



CATEGORY: FLANGE SEAL
MANUFACTURER: IDT
PROFILE: FD01
DIMENSION: EN 1514-1 [EN12560-1]
MATERIAL: WS 3865

- Very good media resistance
- Low permeability towards gases and liquids
- Long-term stable compression and recovery char.

- Gaskets for pipeline, device and container flanges
- Chemical, petro-chemical and natural gas industry
- Power stations, thermal oil and heating plants

PRODUCT NAME

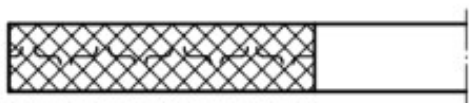
Non-metallic gasket
SIGRAFLEX® UNIVERSAL

FEATURES

Sealing system made from SIGRAFLEX® UNIVERSALPRO; waterproofed, with sheet reinforcement insert made from 0.1mm stainless steel 316L; standard thickness 2.0mm.

PROFILE

FD01



Blow-out resistant, sturdy, high strength and easy to handle. Good gas tightness.

OPERATIONAL DATA

Pressure Max. 100 bar

Temperature -250°C to 550°C³

Density [mDIN 2505]

$\sigma_{VU0.1}$

σ_{VO}

$\sigma_{BO300^\circ C}$ [200°C]

APPROVALS

TA Luft 2002 [VDI 2440/2200]

BAM oxygen X

BAM ethylene/propylene

DVGW [DIN 3535-6] X

KTW-guideline

Fire Safe Test X

FDA

EG 1935/2004

Blow-out resistance X

Germanischer Lloyd

Notes: ³ upward of 450°C please consult the manufacturer